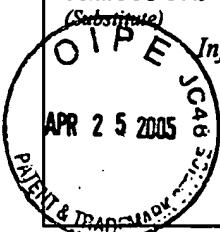


U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
AJ	1.	4,188,646	2/12/1980	Sordello et al.	360	77,08	
HJ	2.	4,271,519	6/2/1981	Hall	714	771	
AM	3.	5,585,975	12/17/1996	Bliss	360	75	
AP	4.	6,108,153	8/22/2000	Glover	360	51	
AP	5.	6,122,131	9/19/2000	Jeppson	360	77,02	
AM	6.	6,115,199	9/5/2000	Bang	360	51	
AP	7.	6,181,505	1/30/2001	Sacks et al.	360	77,08	
AM	8.	6,392,831	5/21/2002	Yeo et al.	360	53	
AM	9.	6,487,032	11/26/2002	Cloke et al.	360	51	
AP	10.	6,504,663	1/7/2003	Hirano et al.	360	48	
AM	11.	6,525,615	2/25/2003	Masenas et al.	331	34	
AP	12.	6,545,836	4/8/2003	Ioannou	360	77,06	
AM	13.	6,594,103	7/15/2003	Despain	360	77,06	
AM	14.	6,678,110	1/13/2004	Ellis	360	77,08	
AM	15.	6,680,807	1/20/2004	She et al.	360	51	
AM	16.	6,760,173	7/6/2004	Kuki et al.	360	51	

<u>Examiner</u> <i>David J. Brey</i>	<u>Date Considered</u> <i>10/6/05</i>
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
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Form PTO-1449 (Substitution) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <i>Information Disclosure Statement</i> BY APPLICANT <i>(Use several sheets if necessary)</i> 		Attorney Docket Number PANA-01046USF Applicant/Patent Owner Richard M. Ehrlich Filing/Issue Date July 16, 2003 Serial/Patent Number 10/620,661 Group Art Unit 2651
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U.S. PATENT PUBLICATIONS				
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant
AM	17.	2003/0026363 A1	2/6/2003	Stoter et al.
AM	18.	2003/0026017 A1	2/6/2003	Chong et al.
AM	19.	2005/0013026 A1	1/20/2005	Ehrlich
AM	20.	2005/0013027 A1	1/20/2005	Ehrlich
AM	21.	2005/0013031 A1	1/20/2005	Ehrlich
AM	22.	2005/0063087 A1	3/24/2005	Ehrlich
AM	23.	2005/0063088 A1	3/24/2005	Ehrlich

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans-lation Yes No

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

AM	24.	Abramovitch et al., "Customizable Coherent Servo Demodulation for Disk Drives," September 1998, IEEE/ASME Transactions on Mechatronics, Vol. 3, No. 3, pp. 184-193.
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Examiner	<i>Andre F. D'Amico</i>	Date Considered	<i>10/6/05</i>
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INFORMATION DISCLOSURE CITATION BY APPLICANT (Use several sheets if necessary)				Applicant Richard M. Ehrlich	
				Filing Date July 16, 2003	Group Art Unit 2651

U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	Name	Class	Subclass	Filing Date
<i>RF</i>	1.	5,706,265	Jan. 6, 1998	Bang			

U.S. PATENT PUBLICATIONS

Examiner Initial		Patent Application Publication Number	Publication Date	Applicant

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans- lation Yes No

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

EXAMINER	<i>Richard M. Ehrlich</i>	DATE CONSIDERED	<i>10/6/05</i>
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INFORMATION DISCLOSURE CITATION
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(Use several sheets if necessary)

Applicant

Richard M. Ehrlich

Filing Date

July 16, 2003

Group Art Unit

2651

U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	Name	Class	Subclass	Filing Date
AM	1.	5,444,583	8/22/1995	Ehrlich et al.	360	78.05	
AM	2.	5,586,306	12/17/1996	Romano et al.	711	112	
AM	3.	6,172,836	1/9/2001	Bang	360	75	
AM	4.	6,285,521	9/4/2001	Hussein	360	73,03	
AM	5.	6,798,594	9/28/2004	Belser	360	53	
AM	6.	6,816,013	11/9/2004	Kao	330	279	

U.S. PATENT PUBLICATIONS				
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans-lation Yes No

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

EXAMINER

Caleb T. Hilt

DATE CONSIDERED

10/16/05

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Methods for searching for SAM patterns at multiple nominal frequencies																																		
<p>Application Number : 10/620661 </p> <p>Confirmation Number: 9576</p> <p>First Named Applicant: Richard Ehrlich</p> <p>Attorney Docket Number: PANAP1046USF</p> <p>Art Unit: 2651</p> <p>Examiner: Mr. Alan Faber</p> <p>Search string: (6483789 or 6754019).pn</p>																																			
<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>6483789</td><td>2002-11-19</td><td>Kubota</td><td>B1</td><td>369</td><td>53.16</td></tr><tr><td></td><td>2</td><td>6754019</td><td>2004-06-22</td><td>Tokizono</td><td>B2</td><td>360</td><td>53</td></tr></tbody></table> <p>Signature</p> <table border="1"><tr><td>Examiner Name</td><td>Date</td></tr><tr><td><i>John P. Doyle</i></td><td><i>10/16/05</i></td></tr></table> <p><i>cited by Examiner</i></p>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	6483789	2002-11-19	Kubota	B1	369	53.16		2	6754019	2004-06-22	Tokizono	B2	360	53	Examiner Name	Date	<i>John P. Doyle</i>	<i>10/16/05</i>
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